

California GIS Council Workgroup Report

Workgroup: Elevation Working Group

Workgroup page*: http://cgia.org/cagiscouncil/workgroups/elevation/ Workgroup Chair: Nathaniel Roth, Nathaniel.roth@conservation.ca.gov Report Date: June 12, 2019

Requests for Council Action

None.

Status Update

The most recent list of available and in progress publicly available lidar projects is visible in the attached map. The Elevation Working Group Chair will be calling a working group meeting to be combined with other lidar stakeholders to provide feedback on a draft state lidar collection plan. The purpose of this meeting will be to collect feedback using that draft as a reference, not as a completed project. Date and location TBD.

Legislative/Policy Update

Multiple past and present laws/regulations implicitly benefit or require the best available elevation data or vegetation structure data that may be derived from lidar.

Next Actions & Key dates

List next actions and key dates

Action	Key Date
Next workgroup meeting	TBD

Documents and Attachments

Attached map of publicly available lidar projects by quality level and status.

Notes

- The 3D Nation Study is ongoing being conducted by Dewberry under the USGS/NOAA
- The Southern California Association of Governments is actively seeking partners for a substantial (likely QL2) collection of areas not already covered by lidar.
- The Ca. Dept. of Conservation is looking for partners at the state and local level able to commit funds as part of a
 funding match a proposal to the CalOES/FEMA Hazard Mitigation Grant Program for lidar collections over
 communities at risk from wildfire in the next few months. A 25% state/local match for the total project cost is
 needed.
- The USFS is actively planning substantial collections.
- The USFS Remote Sensing Lab lidar specification for forested land includes increased flight line overlap with options for calibrated return intensity.

^{*}See the workgroup page for workgroup charter, members, contact information, and prior reports.



California Public Lidar Status: 6/12/2019 Project by Quality Level and Progress Other Lidar Projects (various stages) California Lidar: 3DEP Compliant Tuolumne County & Stanislaus NF QL1, Complete QL1, In Progress SSARRP (QL1 +) QL1, Planned/Funded Mt. Lassen and Lava Beds QL1, Planning SCAG: Area of Interest QL2, Complete QL2, In Progress Desired Coverage QL2, Planned/Funded California Lidar: Not 3DEP Compliant **General Notes:** Tuolumne County: Not being collected to 3DEP specification, but is 8pt/sq.m. **SSARP:** In development with CAL FIRE grant funds **SCAG:** In development to cover portions of SCAG without existing coverage. Seeking Partners. **USFS:** Multiple areas of interest in development. **Other Areas:** Ca. Dept. of Cons. is looking for state and local partners for areas of wildfire Maissie Nathaniel Roth, nathaniel.roth@conservation.ca.gov, 6/12/2010 Colorable representation of the state's lidar project statuses. The State of California and the Department of Conservation make no representations or warranties regarding the accuracy of the data from which these maps were derived. Neither the State nor the Department shall be liable under any circumstances for direct, indirect, special, incidental or consequential damages with respect to any claim by any user or any third party on account of or arising from the Sources: Esri, Airbus DS, USGS, NGA, NASA, CGIAR, N Robinson, NCEAS, NLS, OS, NMA, Geodatastyrelsen, Rijkswaterstaat, GSA, Geoland, FEMA, Intermap and the GIS user community